EAST Search History

EAST Search History (Prior Art)

| Ref# | f# Hits Search Query DBs | | DBs | Default Operator | Plurals | Time Stamp | |
|------|--------------------------|--|--------------------|---------------------|---------|---------------------|--|
| L1 | 1 | "7534226".pn. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 12:59 | |
| L2 | 1 | ("20070179444").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 13:06 | |
| L3 | 157 | stigell.xa. | US-PGPUB; USPAT | PUB; OR | | 2009/12/14 13:09 | |
| L4 | 1 | ("20070185449").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 13:11 | |
| L5 | 0 | 2004/056412 | DERWENT | OR | OFF | 2009/12/14 13:39 | |
| L6 | 3 | "2004056412" | DERWENT | OR | OR OFF | | |
| L7 | 4 | ((MORTEN) near2 (MERNOE)).INV. | USPAT | | | 2009/12/14 13:44 | |
| L8 | 23 | pump\$2 and piston\$2 and pawl\$2 and "rotational motor" | US-PGPUB; USPAT | OR OFF | | 2009/12/14 13:48 | |
| L9 | 10007 | rotational\$2 near motor \$2 | US-PGPUB; USPAT | OR OFF | | 2009/12/14 13:50 | |
| L10 | 0 | 9 and piston42 and pawl \$2 | US-PGPUB; USPAT | OR OFF | | 2009/12/14 13:51 | |
| L11 | 53 | 9 and piston\$2 and pawl \$2 | US-PGPUB; USPAT | OR OFF | | 2009/12/14 13:51 | |
| L12 | 998 | (604/131).CCLS. | US-PGPUB; USPAT | OR OFF | | 2009/12/14 13:53 | |
| L13 | 1958 | (604/151-155).CCLS. | US-PGPUB; USPAT | OR OFF | | 2009/12/14 14:01 | |
| L14 | 1725 | 13 not 12 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:01 | |
| L15 | 3133 | pump\$2 and pawl\$2 and motor\$2 and rotat\$3 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:06 | |
| L16 | 1390 | 15 and piston\$2 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:07 | |
| L17 | 915 | (604/207-211).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:22 | |
| L18 | 911 | (604/174).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:29 | |
| L19 | 182 | (128/dig.1).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:33 | |

| L20 | 550 | (128/dig.12).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:34 |
|-----|-------|---|--------------------|----|-----|---------------------|
| L21 | 520 | 20 not 19 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:34 |
| L22 | 0 | (string\$2 or filament\$2 or ribbon\$2 or strip\$2) and piston\$2 and pawl \$2 and motor42 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:41 |
| L23 | 1068 | (string\$2 or filament\$2 or ribbon\$2 or strip\$2) and piston\$2 and pawl \$2 and motor\$2 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:41 |
| L24 | 71038 | rotation\$3 near motor\$2 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:50 |
| L25 | 0 | 24 and pawl42 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:50 |
| L26 | 2863 | 24 and pawl\$2 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:50 |
| L27 | 398 | 26 and piston\$2 | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:51 |
| L28 | 1 | ("20070185449").PN. | US-PGPUB; USPAT | OR | OFF | 2009/12/14 14:55 |
| L30 | 16 | 12 and piston and drive and rotational and motor and rotations | US-PGPUB; USPAT | OR | OFF | 2009/12/14 15:10 |
| L31 | 4 | 12 and piston and drive and rotational and motor and rotations and pawl | US-PGPUB; USPAT | OR | OFF | 2009/12/14 15:10 |
| L32 | 212 | ("2605765" "20010056262" "20020004651" "20020007154" "200200091358" "20030055380" "20030055380" "20030199825" "20030216683" "20040010207" "20040064088" "20040064088" "20040078028" "20040078028" "20040092865" "200400127844" "20040153032" "20040176727" "20040204673" "200400220551" | US-PGPUB; USPAT | OR | OFF | 2009/12/14 15:16 |

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| "20050245878" l | | |
| "20050251097" l | | |
| "20050273059" l | | |
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| "20060069382" l | | |
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| "20060095014" l | | |
| "20060135913" | | |
| "20060142698" | | |
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| "20060184119" | | |
| "20060200073" I | | |
| "20060206054" I | | |
| "20060247581" | | |
| "3886938" "4077405" | | |
| "4231368" "4300554" | | |
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| "4313439" "4398908" | | |
| "4435173" "4443218" | | |
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| "5335994" "5338157" | | |
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| "5852803" "5919167" | | |
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| "5984897" "5997475" | | |
| "6003736" "6010485" | | |
| "6033377" "6045537" | | |
| "6074372" "6110149" | | į |
| "6156014" "6231540" | | |
| "6248067" "6248090" | | |
| "6277098" "6302855" | | į |
| "6302869" "6375638" | | |
| "6379339" "6381496" | | |
| "6404098" "6427088" | | |
| 0101000 0121000 | | 1 |

| 52 | 1 | "6302869".pn. | US-PGPUB; USPAT | OR | OFF | 2009/01/26 19:27 |
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| 31 | 1 | ("20070185449").PN. | US-PGPUB; USPAT | OR | OFF | 2009/01/26 18:08 |
| | | "7534226").PN. | | | | |
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| | | "7005078" "7008399" "7014625" "7018360" | | | | *************************************** |
| | | "6997911" "6997920" | *************************************** | | | |
| | | "6960192" "6979326" | | | | |
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| | | "6936029" "6945961" | | | | |
| | | "6899695" "6899699" "6922590" "6936006" | | | | |
| | | "6878132" "6893415" "6890605" "6890600" | | | | |
| | | "6872200" "6873268" | | | | |
| | | "6854653" "68551 29 " | | | | |
| | | "6852104" "6854620" | | | | |
| | | "6811534" "6813519" "6827702" "6830558" | | | | |
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| | | "6786890" "6796970" | | | | |
| | | "6780156" "6786246" | | | | |
| | | "6758810" "6768425" | | | | *************************************** |
| | | "6749587" "6752787" | | | | |
| | | "6740059" "6740072" "6740075" "6744350" | | | | |
| | | "6733446" "6736796" "6740050" "6740079" | | | | |
| | | "6716198" "6723072" | | | | |
| | | "6702779" "6715516" | | | | |
| | | "6694191" "6699218" | : 5 | | | |
| | | "6692457" "6692472" | | | | *************************************** |
| | | "6690192" "6691043" | - 3 | | | |
| | | "6669669" "6687546" | - 2 | | | |
| | | "6663602" "6668196" | : } | | | |
| | | "6656159" "6659948" "6659978" "6659980" | : > | | | |
| | | "6650951" "6656158" "6656150" "6656048" | . § | | | |
| | | "6641533" "6648821" | • • | | | |
| | | "6605067" "6613019" | · \$ | | | |
| | | "6585644" "6585699" | 3 | | | |
| | | "6577899" "6582404" | 3 | | | |
| | unana. | "6569126" "6571128" | : \$ | | | |
| | | "6562011" "6564105" | · \$ | | | |
| | | "6554800" "6558320" "6558351" "6562001" | - 3 | | | |
| | | "6551276" "6554798" | | | | |
| | | "6544229" "6547764" | 13 | | | |
| | | "6537251" "6540672" | : S | | | |
| | unana. | "6524280" "6533183" | : \$ | | | |
| | | "6485461" "6508788" | : S | | | |

| S3 | 210 | ("2605765" | US-PGPUB; | OR | OFF | 2009/01/26 |
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| | | "20040078028" | | | | |
| | | "20040087894" | | | | |
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| | | "20040092878" I | | | | |
| | | "20040116866" | | | | *************************************** |
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| | | "20040153032" | | | | *************************************** |
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| | | "20060074581 "20060095014" | | | | |
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| | | "20060142698" "20060179699" | | | | |
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| | | "20060206054" | | | | *************************************** |
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| | | "3886938" "4077405" | . 8 | | | |
| | | "4231368" "4300554" | : } | | | |
| | | "4313439" "4398908" | - 2 | | | |
| | | "4435173" "4443218" | . 2 | | | |
| • | | "4493704" "4529401" | | | | |

| "4850817" | "5045064" I | | | | |
|-------------|-------------|---|----------|---|---|
| 2 | "5190522" I | | | | |
| 2 | "5314412" l | | | | |
| "5335994" | | | | | |
| \$ | "5395340" l | | | | |
| 5 | "5545143" l | | | | |
| 5 | "5569186" I | | | | |
| 2 | "5637095" I | | | | |
| 3 | "5741216" I | | | | |
| 8 | "5816306" I | | | | |
| 5 | "5919167" I | | | | |
| 5 | "5928201" I | | | | |
| 2 | "5951530" l | | | | |
| 2 | "5984894" I | | | | |
| 3 | "5997475" l | | | | |
| S | "6010485" l | | | | |
| 5 | "6045537" I | | | | |
| 2 | "6110149" l | | | | |
| 2 | "6231540" l | | | | |
| "6248067" | "6248090" I | | | | |
| 8 | "6302855" I | | | | |
| 5 | "6375638" I | | | | |
| 5 | "6381496" I | | | | |
| 2 | "6427088" I | | | | |
| 2 | "6474219" I | | | | |
| "6485461" | "6508788" I | | | | |
| "6524280" | "6533183" I | | | | |
| "6537251" | "6540672" I | | | | |
| "6544229" | "6547764" I | | | | |
| "6551276" | "6554798" I | | | | |
| "6554800" | "6558320" l | | | | |
| "6558351" | "6562001" l | | | | |
| "6562011" | "6564105" I | | | | |
| "6569126" | "6571128" I | | | | |
| "6577899" I | "6582404" I | | | | |
| 2 | "6585699" I | | | | |
| 3 | "6613019" l | | | | |
| 5 | "6648821" I | | | | |
| 5 | "6656158" I | | | | |
| 2 | "6659948" l | | | | |
| 3 | "6659980" I | | | | |
| ζ. | "6668196" | | | | |
| 5 | "6687546" I | | | | |
| 2 | "6691043" | | | | |
| 2 | "6692472" | | | | |
| 2 | "6699218" | | | | |
| 6 | "6715516" | | | | |
| 5 | "6723072" I | | | | |
| 5 | "6736796" I | | | | |
| 5 | "6740072" | | | | |
| 2 | "6744350" | | | | |
| \$ | "6752787" I | | | | |
| š | "6768425" I | | | | |
| 5 | "6786246" | | | | |
| 2 | "6796970" I | | | | |
| 2 | "6809653" I | | | | |
| | "6811533" I | 1 | 3 | 5 | : |

| | | "6827702" "6830558" "6852104" "6854620" "6854653" "6855129" "6872200" "6873268" "6878132" "6893415" "6899695" "6899699" "6922590" "6936006" "6936029" "6945961" "6948918" "6950708" "6960192" "6979326" "6997911" "697920" "7005078" "7008399" "7014625" "7018360" "7025743" "7029455" "7054836" "7104972" "7133329").PN. | | | | |
|----|-----|---|---------------------------|----|-----|---------------------|
| S4 | 17 | S3 and string\$4 | US-PGPUB; USPAT | OR | OFF | 2009/01/26 19:39 |
| S5 | 15 | "piston rod" and pawl\$2 and ratchet\$2 and "rotational motor" | US-PGPUB; USPAT | OR | OFF | 2009/01/27 07:41 |
| S6 | 932 | (604/131).CCLS. | US-PGPUB; USPAT | OR | OFF | 2009/01/27 08:31 |
| S7 | 1 | "7144384".pn. | US-PGPUB; USPAT | OR | OFF | 2009/01/27 08:49 |
| S8 | 167 | ("20040068224" "3631847" "3812843" "3885662" "4067000" "4108177" "4151845" "4193397" "4211998" "4231019" "4268150" "4342311" "4364385" "4373527" "4424720" "4435173" "4469481" "4475901" "4498843" "4507115" "4514732" "4529401" "4551134" "459933" "4559037" "4585439" "4601707" "4624661" "4634427" "4678408" "4684368" "4678408" "4684368" "4781693" "4734092" "4755173" "4781688" "4781693" "4801957" "4886499" "4898578" "4898579" "4944659" "4969874" "4973998" "5007458" "5045871" "5062841" "5109850" "5125415" "5176662" "5178609" "5189609" "5205819" "5239326" | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/01/27 |

| '5242406" "5244463" '5245447" "5254096" | | |
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| 5257980" "5281202" | | |
| 5308335" "5312337" | | |
| 5318540" "5342313" | | |
| '5346476" "5364342" | | |
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| '5514096" "5533389" | | |
| '5545152" "5573342" | | |
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| 5845218" "5848991" | | |
| 5851197" "5858005" | | |
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| "6152898" "6174300" | | |
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| "6190359" "6206850" | | |
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| "D311735" | *************************************** | |
| 'D315727" "D405524"). | | |
| PN. OR ("7144384"). | *************************************** | |
| URPN. | | 1 |

| S9 | 745 | (604/151).CCLS. | US-PGPUB; USPAT | OR OFF | | 2009/01/27 09:01 |
|-----|-----|--|--------------------|--------|-----|---------------------|
| S10 | 614 | S9 not S6 | US-PGPUB; USPAT | OR OFF | | 2009/01/27 09:01 |
| S11 | 1 | ("20070185449").PN. | US-PGPUB; USPAT | OR OFF | | 2009/01/27 09:25 |
| S12 | 1 | "7144384".pn. | US-PGPUB; USPAT | OR | OFF | 2009/01/27 09:31 |
| S13 | 6 | pawl\$2 and ratchet\$2 and "rotary motor" and "piston rod" | US-PGPUB; USPAT | OR | OFF | 2009/01/27 09:41 |
| S14 | 1 | ("20070185449").PN. | US-PGPUB; USPAT | OR | OFF | 2009/06/08 11:01 |
| S15 | 1 | "20070185449" | US-PGPUB; USPAT | OR | OFF | 2009/06/09 10:57 |
| S16 | 1 | "7534226".pn. | US-PGPUB; USPAT | OR | OFF | 2009/06/09 11:47 |
| S17 | 1 | ("20070179444").PN. | US-PGPUB; USPAT | OR | OFF | 2009/06/09 11:54 |

EAST Search History (Interference)

| Ref# | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|------|------|-----------------|------|------------------|---------|------------------|
| L29 | 14 | (604/131).CCLS. | UPAD | OR | OFF | 2009/12/14 15:07 |

12/14/2009 3:25:37 PM

 $C: \verb|\Documents| and Settings \verb|\tstigell| My Documents \verb|\EAST| Workspaces \verb|\10591190|. wsp | Settings \verb|\tstigell| And Settings \verb|\tstigell| An$